**Manual Tester** - Machine Test

**URL :**  <https://testffc.nimapinfotech.com/>

1. **Test Cases for Each Module:**

* **Sign Up Module**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| --- | --- | --- | --- |
| TC-SU-01 | Sign up with valid inputs | Enter valid Name, Email, Password, Confirm Password and click 'Sign Up'. | Account is created , user receives a confirmation. |
| TC-SU-02 | Sign up with existing email | Enter an email already registered, fill other fields and click 'Sign Up'. | Error message: "Email already exists". |
| TC-SU-03 | Sign up with invalid email format | Enter invalid email (e.g., "user@",”user@com”), fill other fields and click 'Sign Up'. | Error message: "Enter a valid email address". |
| TC-SU-04 | Sign up with mismatched passwords | Enter different Password and Confirm Password and click 'Sign Up'. | Error message: "Passwords do not match". |
| TC-SU-05 | Sign up with empty required fields | Leave one or more required fields empty and click 'Sign Up'. | Error message indicating required fields |
| TC-SU-06 | Submit form with all fields blank | Leave all fields empty and click 'Sign Up'. | Error: All required field validations shown. |
| TC-SU-07 | Weak password | Enter simple password like "123456". | Error: "Password too weak" (if validation exists). |
| TC-SU-08 | Name with numbers/special characters | Enter name as "John123@". | |  | | --- | |  |  |  | | --- | | Error: "Enter a valid name". | |

* **Forgot Password Module**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| --- | --- | --- | --- |
| TC-FP-01 | Reset password with valid email | Enter registered email and click 'Submit'. | Password reset link sent to registered email. |
| TC-FP-02 | Reset password with unregistered email | Enter unregistered email and click 'Submit'. | Error message: "Email not found". |
| TC-FP-03 | Reset password with invalid email | Enter invalid email format and click 'Submit'. | Error message: "Enter a valid email address". |
| TC-FP-04 | Reset password with empty email field | Leave email field empty and click 'Submit'. | Error message: "Email is required". |

* **Sign in with OTP Module**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| --- | --- | --- | --- |
| TC-OTP-01 | Sign in with valid email | Enter registered email, click 'Send OTP', enter correct OTP and click 'Verify'. | User should be signed in successfully. |
| TC-OTP-02 | Sign in with invalid email format | Enter invalid email and click 'Send OTP'. | Error message: "Enter a valid email address". |
| TC-OTP-03 | Sign in with unregistered email | Enter unregistered email and click 'Send OTP'. | Error message: "Email not found". |
| TC-OTP-04 | Sign in with incorrect OTP | Enter registered email, click 'Send OTP', enter incorrect OTP and click 'Verify'. | Error message: "Incorrect OTP". |
| TC-OTP-05 | Sign in with expired OTP | Enter registered email , click 'Send OTP', wait for OTP to expire, enter OTP and click 'Verify'. | Error message: "OTP expired". |
| TC-OTP-06 | Email field empty | Leave email blank; click 'Send OTP'. | Error: "Email is required". |
| TC-OTP-07 | Enter special characters in OTP field | Input: "@#$%"; click 'Verify'. | Error or input restricted to numbers. |

* **Login Module**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| --- | --- | --- | --- |
| TC-LG-01 | Login with valid credentials | Enter correct email and password and click 'Login'. | User should be logged in successfully. |
| TC-LG-02 | Login with invalid credentials | Enter incorrect email or password and click 'Login'. | Error message: "Invalid email or password". |
| TC-LG-03 | Login with empty fields | Leave email and/or password fields empty and click 'Login'. | Error message should be generating with indicating required fields. |
| TC-LG-04 | Login with SQL injection attempt | Enter SQL code in email or password fields and click 'Login'. | Error message or input sanitization. |
| TC-LG-05 | Password field with only spaces | Enter valid email and password: " " | Error: "Password cannot be blank". |

1. **Validations for each Fields:**

**Sign Up Fields**

* **Name**: Required; should accept alphabets and spaces only; minimum 2 characters.
* **Email**: Required; must follow standard email format (e.g., user@example.com).
* **Password**: Required; minimum 8 characters; should include uppercase, lowercase, number, and special character.
* **Confirm Password**: Required; must match the Password field.

**Forgot Password Field**

* **Email**: Required; must follow standard email format; should be a registered email.

**Sign in with OTP Field**

* **Email**: Required; must follow standard email format; should be a registered email.
* **OTP**: Required; numeric; typically 6 digits; should match the OTP sent to the email.

**Login Fields**

* **Email**: Required; must follow standard email format; should be a registered email.
* **Password**: Required; should match the password associated with the email.

1. **Bug Report for URL :**[**https://testffc.nimapinfotech.com/**](https://testffc.nimapinfotech.com/)

**Environment:** Web Application (Desktop)  
**Modules Covered:** Sign Up, Forgot Password, Sign In with OTP, Login  
**Browser Used:** Google Chrome (Latest Version)

* **Sign Up Module**

1. **Bug ID:** SU-001  
   **Title:** No validation for Name text field  
   **Severity:** Medium  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Sign Up page.
   * Enter invalid name or numeric value in name text filed
   * Enter all other valid data.
   * Click on 'Submit'.

**Expected Result:** System should prompt the user to enter a valid name.  
 **Actual Result:** Account is created without any error.​

1. **Bug ID:** SU-002  
   **Title:** No validation for weak passwords  
   **Severity:** Medium  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Sign Up page.
   * Enter a valid email and name.
   * Set password as "123456" and confirm it.
   * Click on 'Sign Up'.

**Expected Result:** System should prompt the user to choose a stronger password.  
 **Actual Result:** Account is created without any password strength validation.​

1. **Bug ID:** SU-003  
   **Title:** No error message for existing email  
   **Severity:** High  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Sign Up page.
   * Enter an email that is already registered.
   * Fill in other required fields.
   * Click on 'Sign Up'.

**Expected Result:** System should display an error indicating the email is already in use.  
 **Actual Result:** No error message, the page remains as same.​

1. **Bug ID:** SU-004  
   **Title:** Password fields allow copy-paste  
   **Severity:** Low  
   **Priority:** Low  
   **Steps to Reproduce:**​
   * Navigate to the Sign Up page.
   * Enter password.
   * Try copying and pasting the value into the Confirm Password field.

**Expected Result:** Copy-paste should be disabled in password fields.  
 **Actual Result:** Password and confirm password fields allow copying and pasting, which poses a minor security risk.

* **Forgot Password Module**

1. **Bug ID:** FP-001  
   **Title:** No confirmation message after submitting valid email  
   **Severity:** Medium  
   **Priority:** High  
   **Steps to Reproduce:**
   * Navigate to the Forgot Password page.
   * Enter a registered email address.
   * Click on 'Submit'.

**Expected Result:** System should display a message indicating that a reset link has been sent.  
 **Actual Result:** No message is displayed.​

1. **Bug ID:** FP-002  
   **Title:** Invalid email formats are accepted  
   **Severity:** High  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Forgot Password page.
   * Enter an invalid email format like "user@com".
   * Click on 'Submit'.

**Expected Result:** System should prompt the user to enter a valid email address.  
 **Actual Result:** No validation and system proceeds as if the email is valid.​

* **Sign In with OTP Module**

1. **Bug ID:** OTP-001  
   **Title:** OTP input accepts non-numeric characters  
   **Severity:** Medium  
   **Priority:** Medium  
   **Steps to Reproduce:**​
   * Navigate to the Sign In with OTP page.
   * Enter a registered email and request an OTP.
   * In the OTP field, enter characters like "abcd!@#".

**Expected Result:** Field should restrict input to numeric characters only.  
 **Actual Result:** Field accepts all characters without any restriction.​

1. **Bug ID:** OTP-002  
   **Title:** No error message for incorrect OTP  
   **Severity:** High  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Sign In with OTP page.
   * Enter a registered email and request an OTP.
   * Enter an incorrect OTP.
   * Click on 'Verify'.

**Expected Result:** System should display an error message indicating the OTP is incorrect.  
 **Actual Result:** No error message is generated and user remains on the same page.​

* **Login Module**

1. **Bug ID:** LG-001  
   **Title:** No error message for invalid credentials  
   **Severity:** High  
   **Priority:** High  
   **Steps to Reproduce:**​
   * Navigate to the Login page.
   * Enter an incorrect email or password.
   * Click on 'Login'.

**Expected Result:** System should display an error message indicating invalid credentials.  
 **Actual Result:** No error message is generated and user remains on the same page.​